



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2230-3**Job Sheet 191641****Part No:** D2230-3**Job Qty:** ~~160 pcs~~ **99****Part Name:** Mounting Lug**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 3/5/19**Job Tracking No:****Due Date:** 4/15/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:****Note:** D2230 REV.G IPP REV:C 18.02.02 REMOVE FINISH DD VERF:JFS**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup Run Hrs Hrs	Workcenter / Supplier	Lead Time	
90	Purchasing	160 pcs	4/15/19	0.00 0.00		Purchasing - 1		APR 23 2019
						Purchasing - 2		
						Purchasing - 3		
120	Packaging 2-1 - Receive - B4B	160 pcs	4/15/19	0.00 0.00		Packaging 2 - 1 - B4B		APR 23 2019
						Packaging 2 - 2 - B4B		
						Packaging 2 - 3 - B4B		
						Packaging 2 - 5 - B4B		
						Packaging 2 - 4 - B4B		
						Packaging 2 - 6 - B4B		
						Packaging 2 - 7 - B4B		
						Packaging 2 - 8 - B4B		
						Packaging 2 - 9 - B4B		
						Packaging 2 - 10 - B4B		
						Packaging 2 - 11 - B4B		
						Packaging 2 - 12 - B4B		
						Packaging 2 - 13 - B4B		
						Packaging 2 - 14 - B4B		
						Packaging 2 - 15 - B4B		
						Packaging 2 - 16 - B4B		
						Packaging 2 - 17 - B4B		
						Packaging 2 - 18 - B4B		
						Packaging 2 - 19 - B4B		
						Packaging 2 - 20 -		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S174227**Part: D2230-3****Job No: 191641****Serial No/Batch: S174227****Revision:** G**Inspector:****Exp Date:****Instructions:** Various STC's**Date:** 04/23/19

Plex 3/5/19 1:57 PM Dart.lajeunesse.marie

				B4B		
				Packaging 2 - 21 - B4B		
				Packaging 2 - 22 - B4B		
				Packaging 2 - 23 - B4B		
				Packaging 2 - 24 - B4B		
				Packaging 2 - 25 - B4B		
				Packaging 2 - 26 - B4B		
				Packaging 2 - 27 - B4B		
				Packaging 2 - 28 - B4B		
				Packaging 2 - 29 - B4B		
				Packaging 2 - 30 - B4B		
				Packaging 2 - 31 - B4B		
				Packaging 2 - 32 - B4B		
				Packaging 2 - 33 - B4B		
				Packaging 2 - 34 - B4B		
				Packaging 2 - 35 - B4B		
				Packaging 2 - 36 - B4B		
130	QC 6	160 pcs	4/15/19	0.00 0.00	QC 6 - 42	DAS
					QC 6 - 9	APR 25 2019 40
					QC 6 - 68	9-89
					QC 6 - 61	
180	Packaging 3-1 - Stock - B4B	160 pcs	4/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Plex 3/5/19 1:57 PM Dart.lajeunesse.marie	

					Packaging 3 - 19 - B4B			
					Packaging 3 - 20 - B4B			
					Packaging 3 - 21 - B4B			
					Packaging 3 - 22 - B4B			
					Packaging 3 - 23 - B4B			
					Packaging 3 - 24 - B4B			
					Packaging 3 - 25 - B4B			
					Packaging 3 - 26 - B4B			
					Packaging 3 - 27 - B4B	APR 29 2019		
					Packaging 3 - 28 - B4B			
					Packaging 3 - 29 - B4B			
					Packaging 3 - 30 - B4B			
					Packaging 3 - 31 - B4B			
					Packaging 3 - 32 - B4B			
					Packaging 3 - 33 - B4B			
					Packaging 3 - 34 - B4B			
					Packaging 3 - 35 - B4B			
					Packaging 3 - 36 - B4B			
190 QC 21 - SA	160 pcs	4/15/19	0.00 0.00		QC 21 - SA - 21			
					QC 21 - SA - 70	APR 29 2019		
					QC 21 - SA - 53			
Part Op 90 - (Purchasing) Issue P/O to Metec : <u>042813</u> Manufacture as per (Purchasing) dwg C of C is required Descriptions: 120 - (Receive & Inspect for Damage & Mat'l Certs) Ensure C of C is attach 130 - (QC6- All purchased or subcontracted products) 180 - (Identify as per dwg & Stock Location: _____) 190 - (QC21- Final Inspection - Work Order Release) Original B/N is 148845 - w/o was closed and costed D2230-3 D2230-3 x 160 pch 06 March 2019.								
Job BOM								
Part / Item	Component Name	Quantity	Operation	Container				
D2230-3P	Lug	160 pcs (1 ea)	90-Purchasing	5174224				
D2423	Lug Extrusion	10.9280 ft (.0683 ea)	90-Purchasing	5174226				
Job Allocations								
Operation	Component Part	Required	Inventory	Allocated				
90-Purchasing	D2230-3P	160	0	0				
	D2423	11	420	0				
Part Specifications								
Specifications could not be found.								

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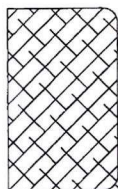
SHOP OR
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO ENGINEERING
WITHOUT NOTICE
WORK ORDER
NO. 191641ms

RELEASED
09/06/25

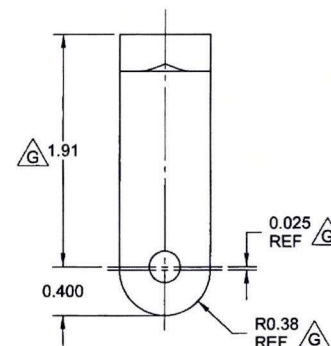
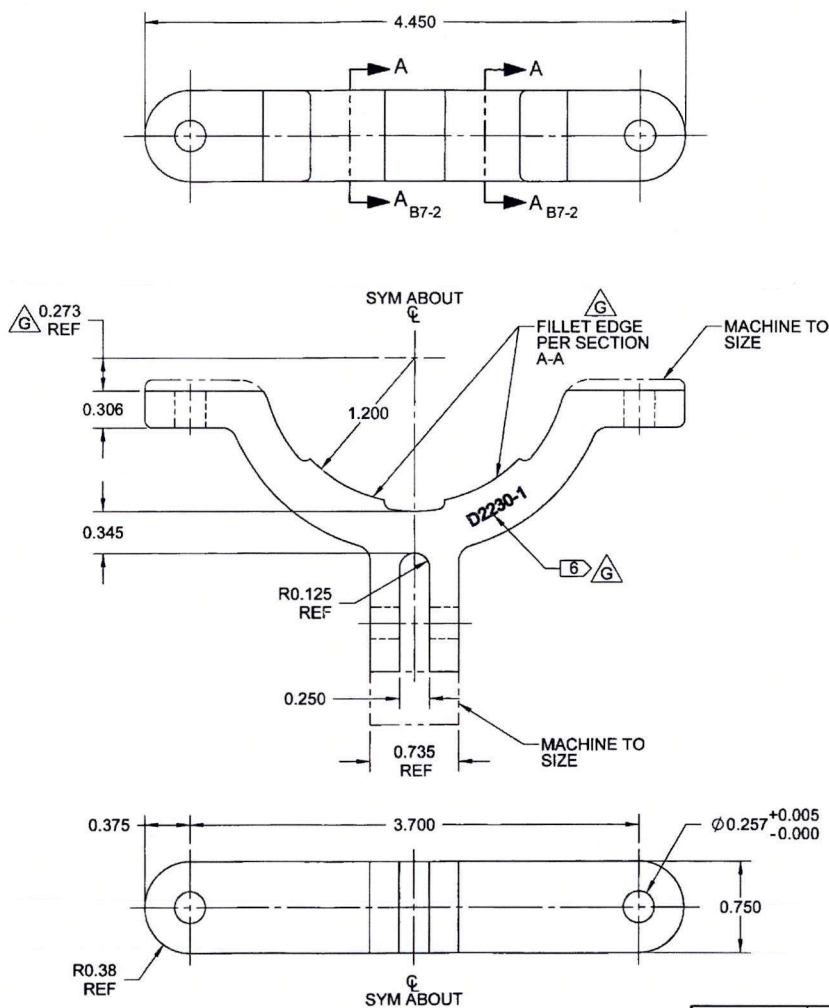
G	REDRAWN IN SOLIDWORKS TO CURRENT DESIGN STANDARDS. REFER TO SECTION A-9 FILLET ADDED TO PREVENT CHAFING OF RUBBER CUSHION ON INSTALLATION.		AJS	09.01.16
F	REDESIGN; R1.200 WAS 1.100		CP	99.12.13
E	RE-DESIGN		BW	95.01.04
D	RE-DESIGN		BW	95.01.04
C	RE-DESIGN		BW	94.03.30
REV.	DESCRIPTION		BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D2230 TITLE MOUNTING LUG COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED UNDER THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR RECOMMENDED TO ANY OTHER PERSON WITHOUT THE WRITTEN, UNREVOKED AND EXCLUSIVE PERMISSION OF DART AEROSPACE LTD.		
DRAWN	AJS			
CHECKED				
MFG. APPR.			REV. OF SHEET 1 OF 1	
APPROVED			SCAL	
DE APPR.			NT	
DATE	09.01.16			

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SECTION A-A D4-2
SCALE 2X



R0.06 MIN - R0.10 MAX
2 PL

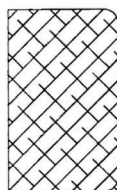


D2230-1 MOUNTING LUG

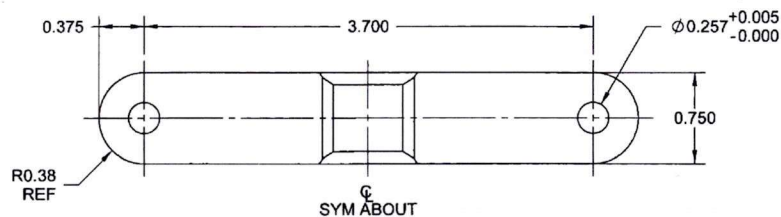
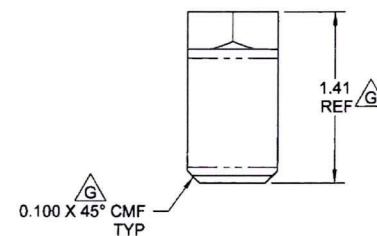
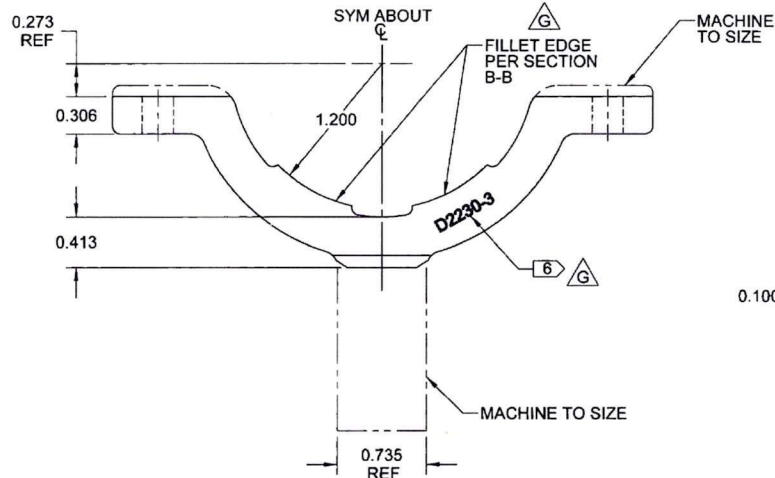
RELEASED
09/06/25

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2230	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
DATE	09.01.16	COPYRIGHT © 1994 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

SECTION B-B
SCALE 2X



R0.06 MIN - R0.10 MAX
2 PL



D2230-3 MOUNTING LUG

RELEASED
09/06/2014

DESIGN	BW	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2230	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		MOUNTING LUG	NTS
DATE	09.01.16	COPYRIGHT © 1994 BY DART AEROSPACE LTD	
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor
					QC / QA Coordinator
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042813



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042813

PO Date: 3/6/19

Due Date: 4/15/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Revision

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	191641	D2230-3P	1		Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	-	4/15/19	99 pcs	0 pcs	99 pcs	\$14.90/pcs	\$1,475.10
2	191643	D3338-1P	A		Mounting Lug : Various STC's receive pcs	Partial	-	4/15/19	26 pcs	4 pcs	22 pcs	\$22.25/pcs	\$489.50
3	191933	D3338-1P	B		Mounting Lug : Various STC's receive pcs	Firmed	-	4/15/19	4 pcs	0 pcs	4 pcs	\$22.25/pcs	\$89.00
4	193038	D2230-3P	2		Lug As Per Dwg D2230 Rev. G Alodine and Paint as per QSI005	Firmed	-	4/15/19	61 pcs	0 pcs	61 pcs	\$14.90/pcs	\$908.90
Grand Total:													\$2,962.50

*Receive in order of job
Number.*



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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042813



Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 4/5/19 4:05 PM dart:Lussier.Patrick

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Shipment No: 24939
Shipment Date: 03-Apr-2019
Ship Via: Pick up at METEC

Customer Code: DART
Phone: (613) 632-9577

Terms: Net 60 Days

----- Quantity -----							
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u> <u>Job Number</u>
1	44	44 ✓	0	0	EA	DART-D2230-3P Mounting Lug alodined and painted as per QSI005 Order No: 3479 Order Date: 02/11/19 PO Number: PO042546 ✓	G 3479-01
1	160	99 ✓	61	0	EA	D2230-3P Mounting Lug alodined and painted as per QSI005 Order No: 3580 Order Date: 03/06/19 PO Number: PO042813 ✓	G 3580-01

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
 Dart Aerospace Ltd.



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	Material Batch #	Paint Batch #	P.O. Number
44	D2230-3	Mounting Lug	G	B912028	017823-1	42546
99	D2230-3	Mounting Lug	G	B912028	017823-1	42813

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, April 3, 2019